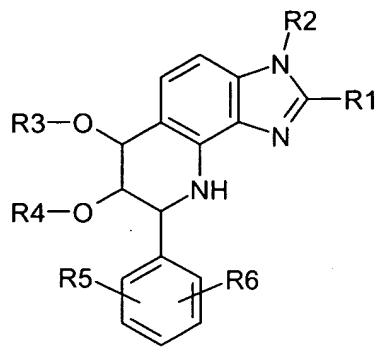


Appendix A

Claim Amendments

1. (Currently amended) A compound of the formula 1



1

in which

R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-

4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl

wherein

aryl is a phenyl substituted by R31 and R32

where

R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and

R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,

R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene (-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃-) radical,

R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

or a salt thereof

~~and ist salts.~~

2. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

in which

R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl or hydroxy-1-4C-alkyl,

R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl

R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl
or a salt thereof and its salts.

3. (Currently amended) A compound of the formula 1 as

claimed in claim 1, in which

R1 is hydrogen, 1-4C-alkyl or 3-7C-cycloalkyl,

R2 is hydrogen, 1-4C-alkyl or 3-7C-cycloalkyl,

R3 is hydrogen, 1-4C-alkyl, 3-5C-cycloalkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl
wherein

aryl is a phenyl substituted by R31 and R32

where

R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and

R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,

R4 is hydrogen, 1-4C-alkyl or hydroxy-1-4C-alkyl

or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene (-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃-) radical,

R5 is hydrogen, fluoro, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, fluoro, 1-4C-alkyl or fluoro-1-4C-alkyl
or a salt thereof and its salts.

4. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

R1 is 1-4C-alkyl,

R2 is hydrogen or 1-4C-alkyl,

R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, or a radical Aryl-1-4C-alkyl,

wherein

Aryl is phenyl,

R4 is hydrogen,

or where R3 and R4 together form an ethylene (-CH₂-CH₂-) radical,

R5 is hydrogen and

R6 is hydrogen,

or a salt thereof and its salts.

5. (Currently amended) A compound of the formula 1 as claimed in claim 1, in which

R1 is 1-4C-alkyl,

R2 is 1-4C-alkyl,

R3 is hydrogen, 1-4C-alkyl or 1-4C-alkoxy-1-4C-alkyl

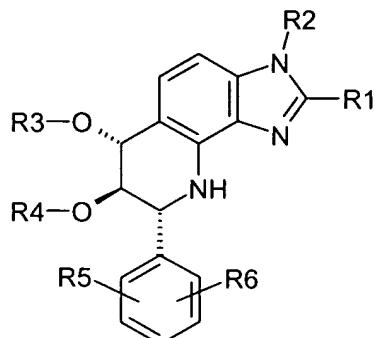
R4 is hydrogen,

R5 is hydrogen,

R6 is hydrogen

or a salt thereof and its salts.

6. (Currently amended) A compound of the formula 1 as claimed in claim 1, characterized by the formula 1a,



1a

in which

R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R3 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-

4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl, hydroxy-1-4C-alkyl or a radical aryl-1-4C-alkyl

wherein

aryl is a phenyl substituted by R31 and R32

where

R31 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy and

R32 is hydrogen, 1-4C-alkyl, fluoro-1-4C-alkyl, 1-4C-alkoxy or fluoro-1-4C-alkoxy,

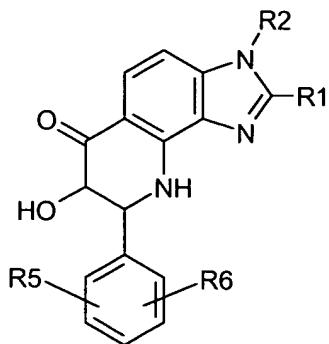
R4 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

or where R3 and R4 together form a methylene (-CH₂-), an ethylene (-CH₂-CH₂-), a propylene (-CH₂-CH₂-CH₂-) or a isopropylidene (-C(CH₃)₃-) radical,

R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl
or a salt thereof and its salts.

7. (Currently amended) A compound of the formula 3



3

in which

R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy-1-4C-alkyl or hydroxy-1-4C-alkyl,

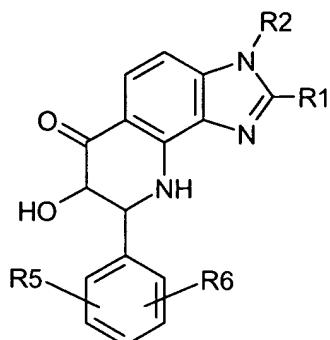
R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl or a salt thereof

R1, R2, R5 and R6 have the meanings as indicated in claim 1 and its salts.

8. (Currently amended) A process for the synthesis of a compound ~~compounds~~ of the formula 1 as claimed in claim 1, which comprises reducing a keto group of a compound of formula 3



3

in which

R1 is hydrogen, halogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy, 1-4C-alkoxy-1-4C-alkyl, 1-4C-alkoxycarbonyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl, fluoro-1-4C-alkoxy- 1-4C-alkyl or hydroxy-1-4C-alkyl,

R2 is hydrogen, 1-4C-alkyl, 3-7C-cycloalkyl, 3-7C-cycloalkyl-1-4C-alkyl, 1-4C-alkoxy-1-4C-alkyl, 2-4C-alkenyl, 2-4C-alkynyl, fluoro-1-4C-alkyl or hydroxy-1-4C-alkyl,

R5 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl

R6 is hydrogen, halogen, 1-4C-alkyl or fluoro-1-4C-alkyl or a salt thereof,

to obtain a compound of the formula 1 as claimed in claim

1,

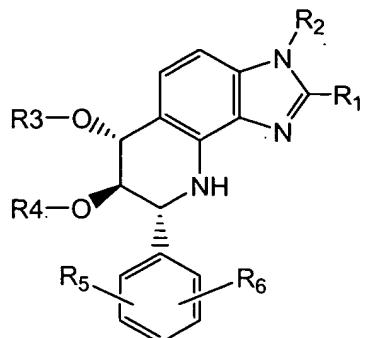
and optionally submitting said compound of formula 1 to a
derivatization reaction

~~converting compounds of the formula 3 as claimed in~~
~~claim 7 to compounds of the formula 1 as~~
~~claimed in claim 1.~~

9. (Currently amended) A medicament pharmaceutical
composition comprising a compound as claimed in claim 1
and/or a pharmacologically acceptable salt thereof together
with a pharmaceutically acceptable auxiliary and/or
excipient customary pharmaceutical auxiliaries and/or
excipients.

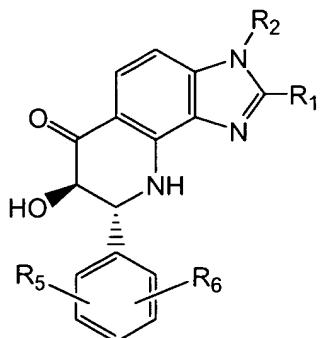
10. (Currently amended) The use of a A method of
preventing or treating a gastrointestinal disorder in a
patient comprising administering to a patient in need
thereof, a compound as claimed in claim 1 or a
pharmacologically acceptable salt thereof and its
pharmacologically acceptable salts for the prevention and
treatment of gastrointestinal disorders.

11. (New) A process for the synthesis of a compound according to claim 1 of the formula 1a



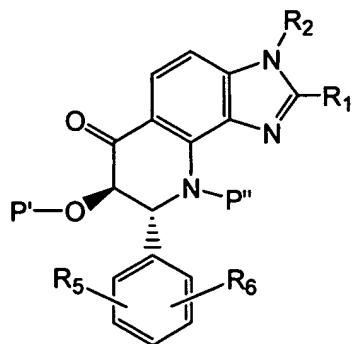
1a

which comprises protecting an amino group and a hydroxyl group of a compound of formula 3a



3a

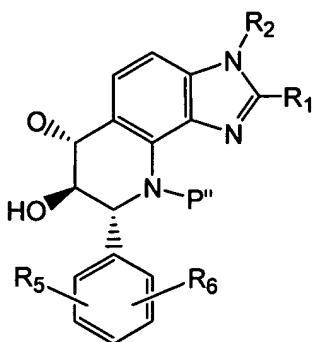
to provide a compound of formula 18a



18a

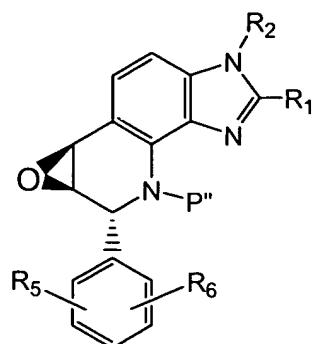
wherein P' is a protecting group and P" is a protecting group,

reducing a keto group and deprotecting a hydroxyl group of a compound of formula 18a to obtain a compound of the formula 19a



19a

submitting said compound of formula 19a to an epoxidation reaction to yield a compound of formula 20a



20a

reacting said compound of formula 20a with an alcohol of the formula R3-OH to obtain a compound of formula 1a, and optionally submitting said compound of formula 1a to a derivatization reaction.